

CLAIMS

- 1 1. An apparatus with a standby mode, said apparatus comprising:
2 an initialization part performing initialization processing of at least a part
3 of said apparatus;
4 a standby mode shifting part shifting said apparatus to the standby
5 mode while maintaining the state of said apparatus initialized by said
6 initialization part; and
7 a restoration part restoring said apparatus from the standby mode
8 according to said standby mode shifting part with said initialized state being
9 maintained.
- 1 2. The apparatus with a standby mode as set forth in claim 1,
2 characterized in that said initialization part comprises a BIOS, and said
3 initialization processing comprises a POST.
- 1 3. The apparatus with a standby mode as set forth in claim 1,
2 characterized by further comprising:
3 a boot part for performing boot processing of said apparatus by a power
4 supply being turned on; and
5 a selection part capable of selectively setting whether the initialization
6 processing according to said initialization part is made when said apparatus is
7 shifted to the standby mode by said standby mode shifting part, or before or at
8 the time when the boot processing is performed by said power supply being
9 turning on.
- 1 4. The apparatus with a standby mode as set forth in claim 3,
2 characterized in that said initialization part and said selection part comprise a
3 BIOS, and said initialization processing comprises a POST.
- 1 5. The apparatus with a standby mode as set forth in claim 3,
2 characterized in that said initialization part comprises a BIOS, and said
3 initialization processing comprises a POST, and said selection part comprises

4 an the OS.

1 6. The apparatus with a standby mode as set forth in claim 4,
2 characterized in that the selective setting according to said selection part is
3 performed at the time of shutdown processing of an the OS.

1 7. The apparatus with a standby mode as set forth in claim 4,
2 characterized in that said initialization part performs the initialization processing
3 upon receipt of an instruction for placing said apparatus into a non-working
4 condition.

1 8. A program for operating a computer system with a standby mode, said
2 program making said computer system function as:
3 an initialization part for performing initialization processing of said
4 computer system;
5 a standby mode shifting part for shifting said computer system to the
6 standby mode while maintaining said initialized state of said computer system;
7 and
8 a restoration part for restoring said computer system from said standby
9 mode with said initialized state thereof being maintained.

1 9. The program as set forth in claim 8, wherein said program further
2 makes a selection part function to selectively set one of a first mode in which
3 said initialization processing is performed before said computer system is
4 shifted to said standby mode, and a second mode in which said initialization
5 processing is performed at the time when said computer system is powered on.

1 10. The program as set forth in claim 8, characterized in that said
2 program comprises a BIOS, and said initialization processing comprises a
3 POST.

1 11. The program as set forth in claim 10, characterized in that said
2 initialization processing and the shifting of said computer system to said
3 standby mode are performed based on a specified shutdown form of an the OS.

1 12. A program for operating a computer system with a standby mode, said
2 program making said computer system function as:

3 an operating part for operating said computer system; and
4 a selection part for selectively setting one of a first mode and a second
5 mode, said first mode being such that another program is given an instruction
6 for shifting said computer system to a stand-by state while performing
7 initialization processing of said computer system at the time of shutdown
8 processing of said operating part, said second mode being such that said
9 initialization processing is performed before said operating part is booted.

1 13. The program as set forth in claim 12, characterized in that said
2 instruction for shifting said computer system to a non-working condition
3 comprises selection of said first mode.

1 14. A method for controlling an apparatus with a standby mode, said
2 method comprising:

3 a step of performing initialization processing of said apparatus;
4 a step of shifting said apparatus to the standby mode while maintaining
5 the initialized state thereof; and
6 a step of restoring said apparatus from said standby mode in response
7 to receipt of an instruction for placing said apparatus into a working condition.

1 15. The method for controlling an apparatus with a standby mode as set
2 forth in claim 14, characterized by further comprising:

3 a step of rebooting said apparatus in response to receipt of an
4 instruction for placing said apparatus into a non-working condition, wherein said
5 initialization step is performed after said reboot step.